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DESCRIPTORS: *Rivers, *Drainage, Snow, Melting,
Volume, Equations, Mathematical prediction,
*Hydrology.

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DESCRIPTORS: *Ion exchange resins, Electrolytes,
*Styrene plastics, Synthesis (Chemistry) Nitration,
Addition reactions, Metals, Ions, Separation.

Polynitrostyrene, polyaminostyrene and their diazotiza-
tion coupling products with: p-cresol, p-nitrophenol,
p-naphthol, resorcinol, anilid of acetoacetic acid,
benzazoresorcinol, pyrogallol, 8-oxyquinoline,
acetanilid, 1-phenyl-3-methyl-pyrazolone-5, salicylic
acid, gallic acid, anthranilic acid, chromothropic acid,
(Chemistry, TT, v. 11, no. 9) (over)

TT-64-10485

1. Title: Polyaminostyrene
2. Title: Polynitrostyrene
- I. Romankevich, M. Ya.
- II. Slayavskii, V. G.
- III. Tsygankova, M. P.

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Homogeneous anion-exchange membranes were made from the product of condensing phenol and ethylene diamine hydrochloride with formaldehyde. The amount of water used in the reaction mixture affected the exchange rate but not the capacity. The capacity and tendency to swell increased with the proportion of ethylene diamine, but the strength of the membrane decreases.

(Chemistry--Physical, TT, v. 5, no. 6)

61-15217

1. Plastic films--Preparation
2. Ion exchange--Equipment
- I. Romankevich, M. Ya.
- II. Shaposhnikova, Z. B.
- III. Polyakova, V. M.
- IV. RTS-1557
- V. Department of Scientific and Industrial Research (Gr. Brit.)

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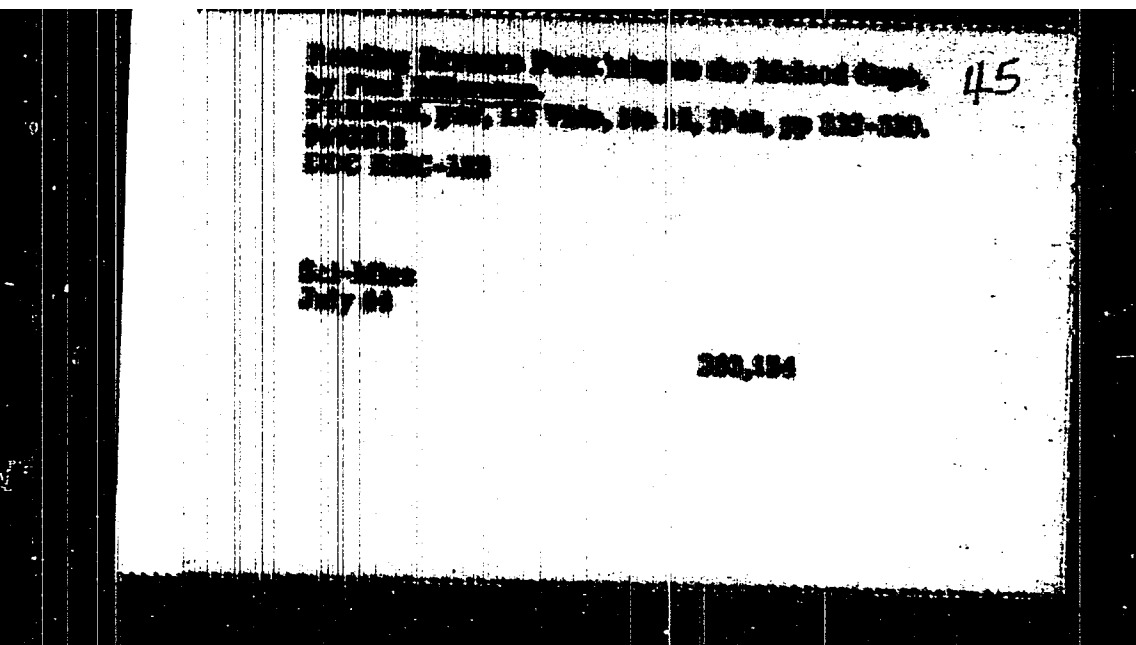
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